

IN THE CLAIMS:

Please amend the claims as follows:

1. (currently amended) A throttle body for an internal combustion engine, comprising:

an airflow sensor for measuring the flow rate of air passing through a throttle bore of a bore body member of the throttle body,

a throttle position sensor for measuring the opening of a throttle valve in said throttle bore, and

an engine control unit for controlling the engine, wherein an electronic circuit composing said engine control unit is provided at a base which is any other member of the throttle body other than the bore body member containing ~~(hereafter, it is called "bore body")~~ of said throttle bore,

wherein the base is disposed on the bore body such that no electrical or mechanical components are located between the engine control unit electronic circuit and a surface of the bore body receiving the engine control unit base.

2. (original) The throttle body for an internal combustion engine of claim 1, wherein said base has terminals which are electrically connected to at least any of a motor for driving said throttle valve, said airflow sensor, and said throttle position sensor.

3. (original) The throttle body for an internal combustion engine of claim 1, wherein at least one of said airflow sensor and said throttle position sensor is provided at said base.

4. (original) The for an internal combustion engine of claim 1, wherein at least one part of the base area which mounts said electronic circuit has at least one aperture, and said electronic circuit is in contact with said bore body through said aperture.

5. (original) The throttle body for an internal combustion engine of claim 4, wherein the area on which said electronic circuit is in contact with said throttle bore body is greased.

6. (original) The throttle body for an internal combustion engine of claim 4, wherein said throttle body has at least one projection which is set in said aperture.

7. (currently amended) A throttle body for an internal combustion engine, comprising:

an airflow sensor for measuring at least one of the flow rate and the velocity of air passing through a throttle bore provided in the a bore body
member of the throttle body,

a throttle position sensor for measuring the opening of a motor-driven throttle valve in said throttle bore,
an engine control unit for controlling the engine,
and a throttle body cover for covering said engine control unit,
wherein an electronic circuit which composes comprises said engine control unit is mounted on a base member which is any other member than said bore body member containing said throttle bore; said base is disposed on said bore body such that no electrical or mechanical components are located between the engine control unit electronic circuit and a surface of the bore body receiving the engine control unit base; and said throttle bore body, the base of said electronic control unit base, and said throttle body cover are located in that order by
tightening with screws.

8. (original) The throttle body for an internal combustion engine of claim 7, wherein said base has connectors for connecting said electronic circuit to an external circuit.

9. (original) The throttle body for an internal combustion engine of claim 8, wherein said connector is guided to outside of said throttle body through a hole formed at said throttle body cover from a space formed by said bore body and said throttle body cover, and connected with an outer electric section.

10. (currently amended) The throttle body for an internal combustion engine of claim 7, wherein said base has at least two connectors of which one connector has terminals for inputting and outputting engine controlling signals and ~~the other~~ another connector has terminals for inputting and outputting at least one of ~~AT (automatic) transmission~~ shift information and in-car communication.

11. (original) The throttle body for an internal combustion engine of claim 7, wherein said connector is mounted on said base so that a projection provided at said connector may be fitted to a recess on said base, or a recess provided at said connector may be fitted to a projection on said base.

12. (original) The throttle body for an internal combustion engine of claim 1, wherein said throttle valve is driven by a motor provided on said bore body.

13. (currently amended) A throttle body for an internal combustion engine, comprising:

an airflow sensor for measuring at least one of the flow rate and the velocity of air passing through a throttle bore provided in a ~~the~~ bore body member of the throttle body,

a throttle position sensor for measuring the opening of a motor-driven throttle valve in said throttle bore,

an engine control unit for controlling the engine,

and a throttle cover for covering said engine control unit,
wherein a part of said airflow sensor contacts with said bore body member
and sealed thereon hermetically in the axial direction of airflow sensor by
pressing said airflow sensor against said bore body.